

Journal of Materials Chemistry C

Materials for optical, magnetic and electronic devices

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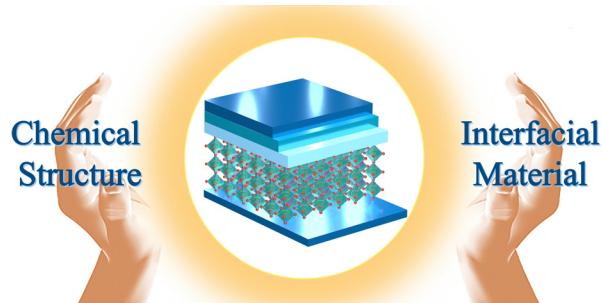
See Sahn Nahm et al.,
pp. 1268–1280.
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J. Mater. Chem. C,
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A review on conventional perovskite solar cells with organic dopant-free hole-transport materials: roles of chemical structures and interfacial materials in efficient devices

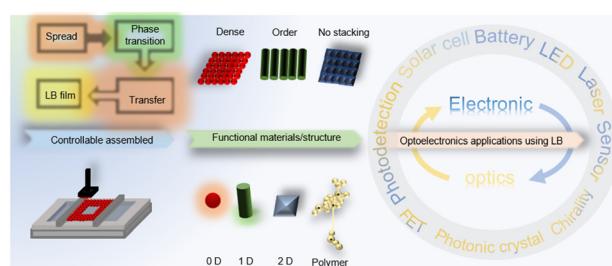
Wenhui Li, Wenning Zhao, Kairui Li and Xiuxun Han*



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Heng Lin, Yueling Zheng, Chao Zhong, Lihua Lin, Kaiyu Yang, Yang Liu,* Hailong Hu and Fushan Li*





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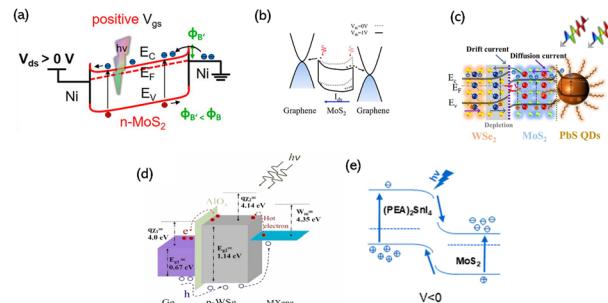


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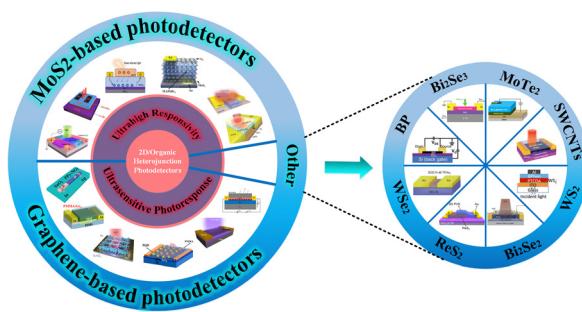
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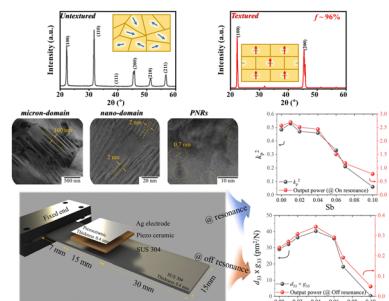


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Optimized physical properties of [001]-textured (Na, K)NbO₃-based lead-free piezoceramics for high power piezoelectric energy harvesters

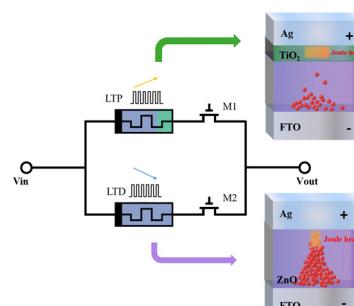
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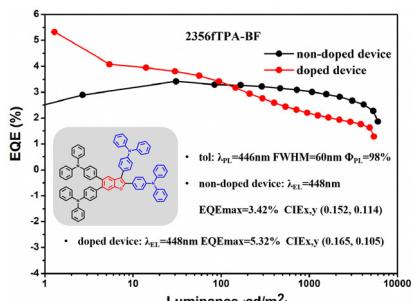
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Yucheng Wang, Jiawei Zheng, Yueyang Shang, Dingyun Guo, Hexin Wang, Zeyang An, XiaoChuan Chen, Ruixi Huang, JunYu Jiang, Kai Sun and Shaoxi Wang*



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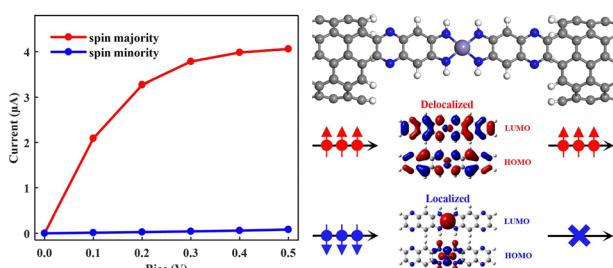
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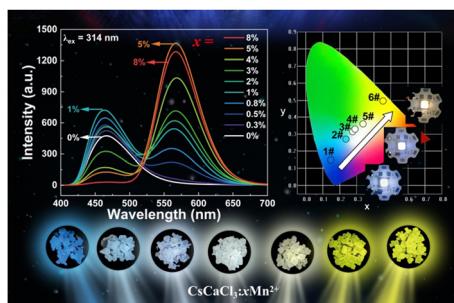
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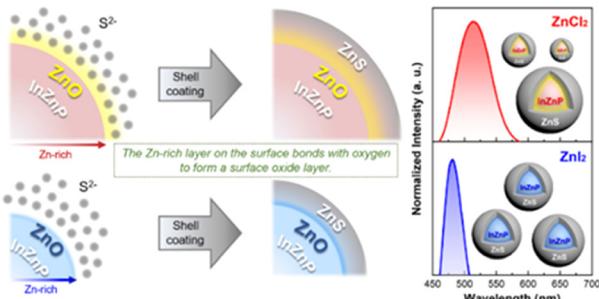
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The unique luminescent properties and enhanced thermal stability of a novel all-inorganic perovskite $\text{CsCaCl}_3:\text{Mn}^{2+}$ for solid-state lighting applications

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Chien-Chi Huang, Shu-Ru Chung* and Kuan-Wen Wang*

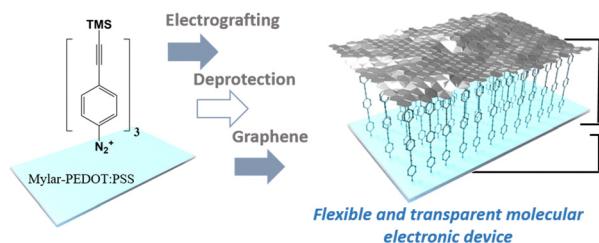


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Robust large area molecular junctions based on transparent and flexible electrodes

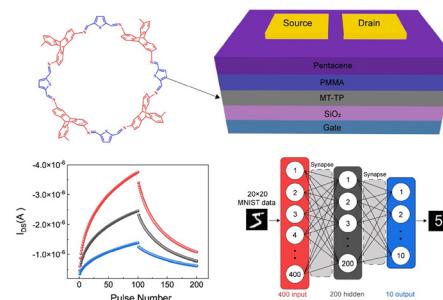
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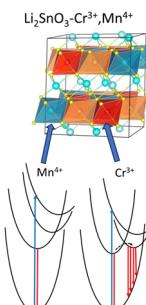
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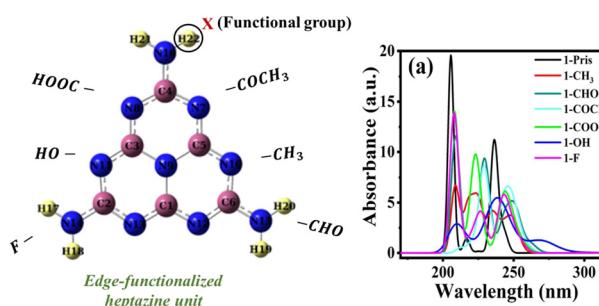
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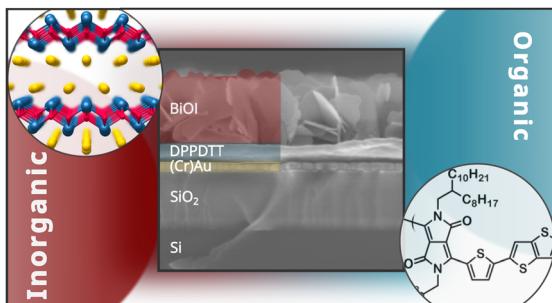
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Khushboo Dange, Vaishali Roondhe and Alok Shukla*



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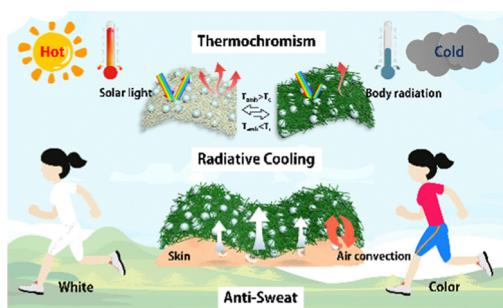
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Influence of chemical interactions on the electronic properties of BiOI/organic semiconductor heterojunctions for application in solution-processed electronics

Vaidehi Lapalikar, Preetam Dacha, Mike Hambach, Yvonne J. Hofstetter, Yana Vaynzof, Stefan C. B. Mannsfeld* and Michael Ruck*

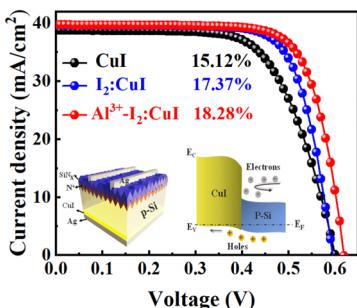
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A hierarchical metafabric with dynamically thermochromic property for subambient daytime radiative cooling

Rong Zhang, Renzhi Li, Peng Xu and Bo Xiang*

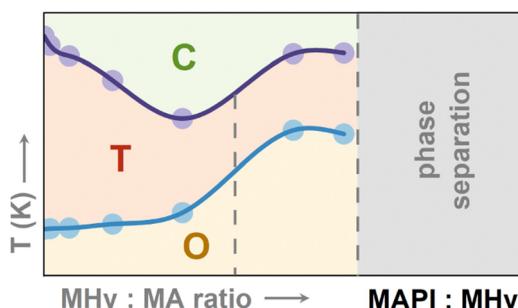
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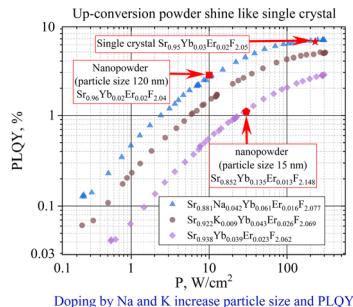


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J. A. Ermakova, E. I. Madirov, P. P. Fedorov, A. A. Alexandrov and S. V. Kuznetsov*

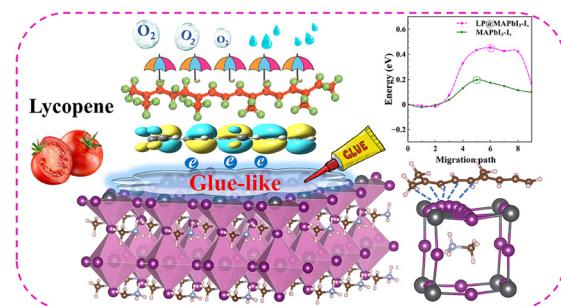


Doping by Na and K increase particle size and PLQY

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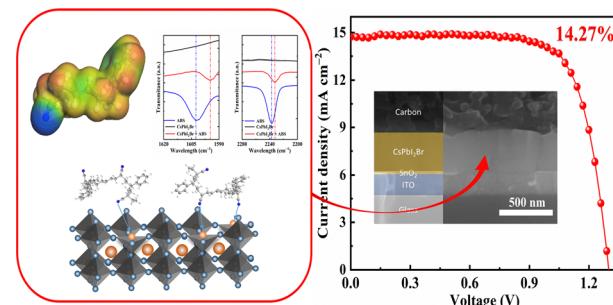
Na Chen and Quan-Song Li*



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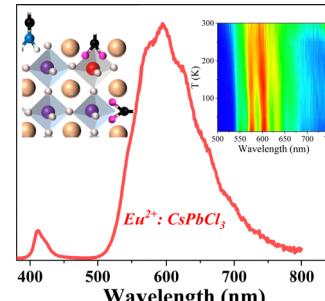
Wenxuan Li, Yali Li,* Zhe Gao, Guodong Wan, Xiaoyang Liu, Yujun Fu, Qiming Liu, Deyan He and Junshuai Li*



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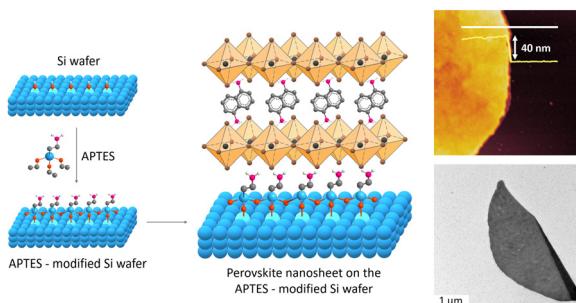
Nanocrystals of divalent europium-doped CsPbCl_3 perovskites: a novel optoelectronic material with dual-emissions

He Yuan, Shilin Jin, Song Zheng, Rong Xie, Tao Pang, Bin Zhuang, Feng Huang and Daqin Chen*



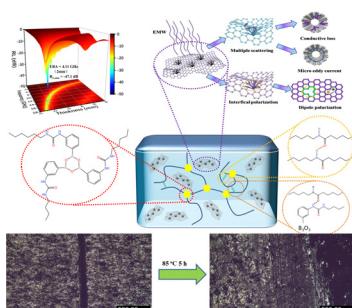
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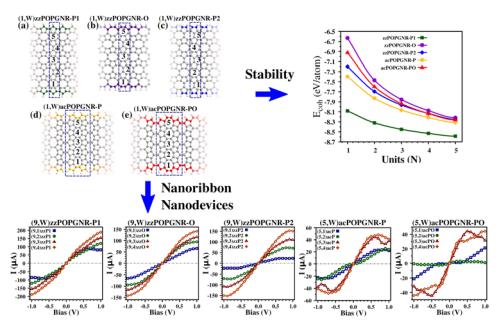
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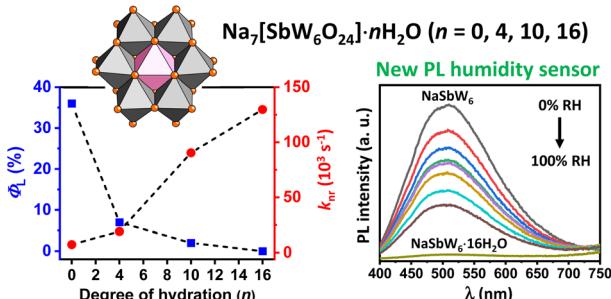
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Aurély Bagghi, Philippe Deniard, Yohann Cartigny* and Rémi Dessapt*

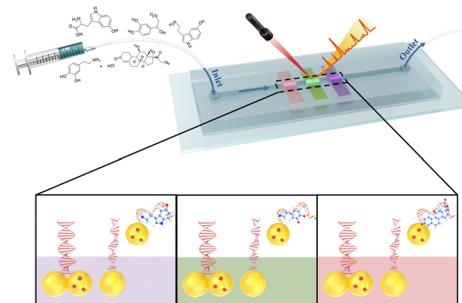


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An ultrasensitive SERS sensing chip for the serum screening of psychiatric disorders

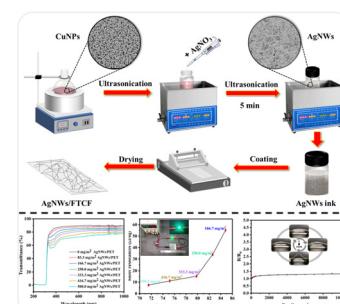
Ziteng Zhang, Qianqian Dong, Mulong Xu, Kuo Yang* and Zhuyuan Wang*



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Fast synthesis of silver nanowires at room temperature via ultrasonication-mediated galvanic replacement for flexible transparent electrodes

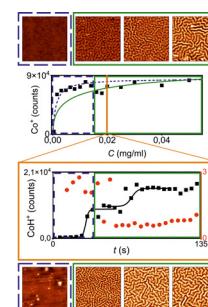
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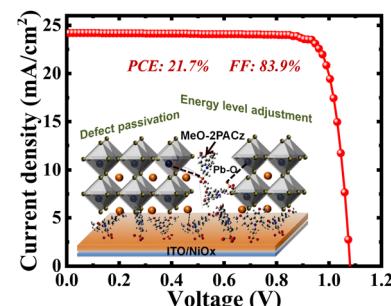
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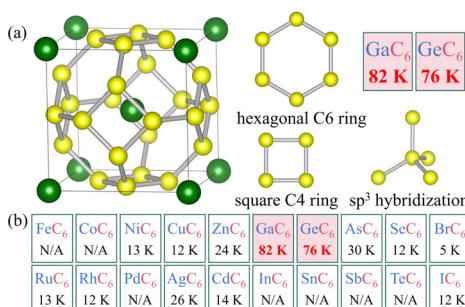
Efficient inverted perovskite solar cells with a low-temperature processed NiO_x/SAM hole transport layer

Yi Guo, Like Huang,* Chaofeng Wang, Jiajia Huang, Shuang Liu, Xiaohui Liu, Jing Zhang, Ziyang Hu and Yuejin Zhu*



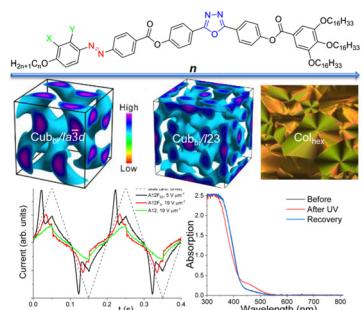
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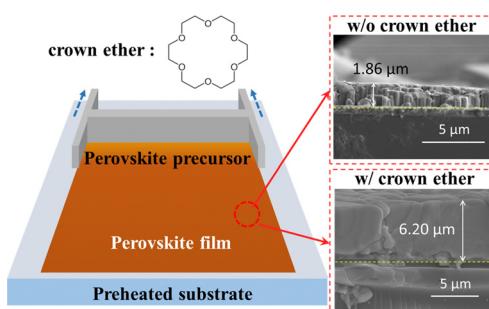
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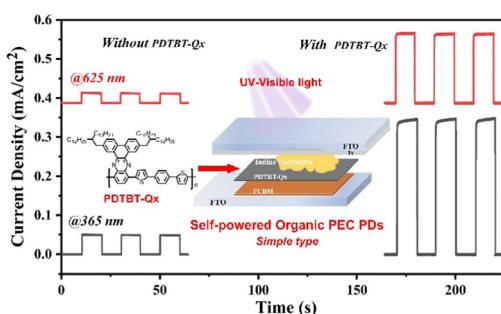
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Peng Han, Zhi Zheng, Yi Lu, Caili Lang, Shiyong Gao,* Fengyun Guo, Jinzhong Wang and Yong Zhang*

